

# **Radio Science Report**

**Dick Simpson**

**MC Face-to-Face  
Tucson AZ  
10-11 April, 2014**

# **Mission/Active Archive/Restoration Highlights FY2014**

- **Mars Odyssey**
  - Monthly archiving of radio tracking data
  - Next delivery will be ODRS\_0200 (approx 2014-04-10)
  - Upcoming Reviews: None
  - Concerns: Multi-mission Senior Review —> EOM?
- **PDS4 Migration for FY2014**
  - Status: Nothing specific planned
  - Issues, Concerns: S/W delayed by design, repair work
- **Data Holdings and Deliveries**
  - Current Volume/Data Sets (PDS3/PDS4): none
  - Expected Volume (through October 1 2014): no change
  - NSSDC deliveries completed and expected: none
  - Issues, Concerns: restoration queue includes ~30 data sets

- **Other Activities, if applicable:** none
- **Security**
  - Disaster Recovery Plans/Updates: N/A
  - IT security planning: N/A
  - Issues, Concerns: N/A
- **Staff time (WY) supporting**
  - DDWG, including tiger teams: ~0.25 WY (Simpson)
  - CCB: ~0.06 WY (Simpson)
  - Active missions: ~0.005 WY (MSGR; Simpson)  
~0.07 WY (ODY; Jackson)
  - MC: ~0.07 WY (Simpson)
  - Restorations: ~0.02 WY (MGN; Simpson)

## **Next 5 Years 2015-2019**

- Prediction of archive growth: N/A
- New challenges for PDS4: Standards, training
- New tools that you would like to see:
  - Developed by the nodes: Validation S/W
  - Someone else: RS labeling S/W